

memorandum

DATE:

REPLY TO

ATTN OF: NE-43

SUBJECT: Office of Nuclear Energy (NE) Annual National Environmental Policy Act (NEPA)
Planning Summary for Calendar Year (CY) 2008

TO: David R. Hill, General Counsel, GC-1

In response to your December 21, 2007, request and in accordance with Department of Energy Order 451.1B, *NEPA Compliance Program*, attached is the NE NEPA Annual Planning Summary for CY 2008.

This submittal was coordinated with the Idaho Operations Office. However, the Idaho Operations Office will submit a separate planning summary that addresses NEPA actions underway and planned for the entire Idaho National Laboratory Site, which includes Office of Environmental Management activities.

If you have any questions, please contact Michael Worley, Director for Integrated Safety and Program Assurance, at 301-903-2915, or Raj Sharma, NE NEPA Compliance Officer, at 301-903-2899.

Dennis R. Spurgeon, Assistant Secretary
for Nuclear Energy

Attachment

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Office of Nuclear Energy

2008 January

*Title, Location	Estimated Cost	Estimated Schedule Milestones) (**NEPA	Description
No Environmental Assessments are currently under preparation.		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
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		EA Approval:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
	Total Estimated Cost		
	\$0.00		

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements

Office of Nuclear Energy

Jan-08

*Title, Location	Estimated Cost	Estimated Schedule		Description
Environmental Impact Statement for the Proposed Consolidation of Nuclear Operations Related to Production of Radioisotope Power Systems	\$3,050,000	Determination Date:	2002 July	The proposed action is to consolidate nuclear operations related to production of radioisotope power systems for space and national security missions. These systems produce small amount of electrical power in remote harsh environments by converting the decay heat from Pu-238 into electricity via static or dynamic power conversion systems. These power systems have enabled various space missions and important national security applications.
		NOI:	2004 November	
		Scoping:	2004 December	
		Draft	2005 June	
		Hearings	2005 July	
		Final	TBD	
		ROD	TBD	
Programmatic Environmental Impact Statement for the Global Nuclear Energy Partnership	\$6,600,000	Determination Date:	2006 March	Global Nuclear Energy Partnership (GNEP) would encourage expansion of domestic and international nuclear energy production while reducing nuclear proliferation risks, and reduce the volume, thermal output, and radiotoxicity of spent nuclear fuel (SNF) before disposal in a geological repository. GNEP involves a programmatic proposal to recycle SNF and destroy the long-lived radioactive components of that SNF. The programmatic aspects of the GNEP PEIS include an international partnership program and domestic SNF recycling program. The project specific aspects include siting, construction, and operation of an Advanced Fuel Cycle Facility.
		NOI:	2007 January	
		Scoping:	2007 Feb-Mar	
		Draft	2008 March	
		Hearings	2008 April	
		Final	2008 October	
		ROD	2008 November	
		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Supplement Analysis:		
		Determination Date:		
		Approval:		
	Total Estimated Cost			

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

Office of Nuclear Energy

2008 January

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
Environmental Assessment for the Conversion of U.S. Department of Energy Natural Uranium and Depleted Uranium into Low Enriched Uranium	\$250,000	Determination Date:	2007 November	The proposed action is to convert sufficient quantities of natural uranium (NU) and depleted uranium (DU) into low enriched uranium (LEU) with 4.95% U-235 content (enough conversion to provide up to 460 MTU LEU). The excess inventory of NU and DU is presently stored at gaseous diffusion enrichment plant sites at Paducah, Kentucky and Piketon, Ohio. Enrichment would most likely take place at U.S.-located enrichment facility; however, a portion of the NU and/or DU may be enriched at a foreign facility
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
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		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:	4/9/2008	
		Determination Date:	6	

* Please include projected NEPA milestones, if planned.

Annual NEPA Planning Summary (year) Program or Field Organization Name

Annual NEPA Planning Summary Environmental Impact Statements Expected to be Prepared in the Next 24 Months

Office of Nuclear Energy

2008 January

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
No environmental Impact Statements are planned during the next 24 months.		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Supplement Analysis:		
		Determination Date:		
		Approval:		
		Supplement Analysis:		
		Determination Date:		
		Approval:		
	Total Estimated Cost			
	\$0.00			

*Please include projected NEPA milestones, if planned

4/9/2008

1

Annual NEPA Planning Summary (year) Program or Field Organization